

Quality Management ISO 9001:2015

Coding: TDEBP5230EN

Revision: 03

Release: 21.03.2023

# Technical Datasheet

EGGER DecoWall T&G4  
EGGER Deco Wall



Recipe: 765 (sanded OSB core board)

WRG: 5130 / 5230

Material description: moisture-resistant glued, digitally printed OSB board with tongue-and-groove profile for interior finishing. Fully, formaldehyde-free PMDI glued, low emission - E1(E05) according to ChemVVO. Tested according to applicable EN standards.

Plant : Wismar

## Panel type acc. to EN 300

Technical mechanical properties	Standard	Unit	Requirement
Panel thickness	EN 322	[mm]	12
Panel size (coverage size)	EN 322	[mm]	2500 mm x 660 mm / 1250 mm x 660 mm (T&G4)
Density	EN 323	[kg/m³]	≥ 610
Internal bond	EN 319	[N/mm²]	0,32
Internal bond – option 2	EN 321	[N/mm²]	0,13
Bending strength – major axis (0°)	EN 310	[N/mm²]	20
Bending strength – minor axis (90°)	EN 310	[N/mm²]	10
Modulus of Elasticity -major axis (0°)	EN 310	[N/mm²]	4000
Modulus of Elasticity – minor axis (90°)	EN 310	[N/mm²]	1400
Swelling 24 h	EN 317	[%]	≤15
Moisture content <sup>1)</sup>	EN 322	[%]	5 - 12
Formaldehyde emission	EN 717-1	ppm	≤0.03

1) at delivery

Tolerances	Standard	Unit	Requirement
Panel thickness		[mm]	12
Tolerance of length / width	EN 324-1	[mm]	± 2.0
Tolerance thickness	EN 324-1	[mm]	± 0.2
Surface sanding		grain	top side / bottom side = 240 / 100
Warping / bowing within panel surface		mm/m	≤1.0
Edge chipping (like cut to size)		[mm]	≤3.0
Tolerance edge straightness	EN 324-2	[mm/m]	≤1.5
Tolerance squareness	EN 324-2	[mm/m]	≤2,0

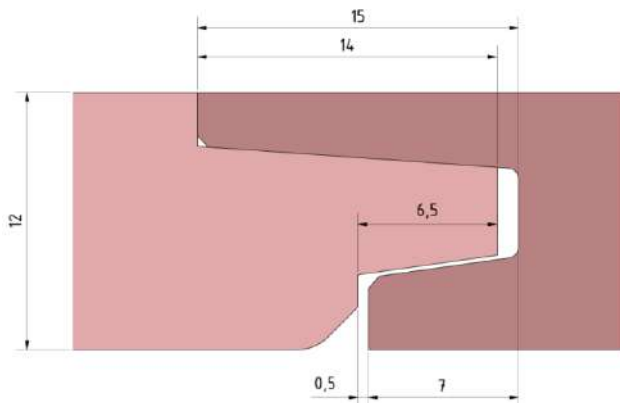
Additional properties	Standard	Unit	Requirement
Panel thickness		[mm]	12
Reaction to fire	EN13501-1	[mm]	class D-s2, d0
Thermal conductivity	EN 13986	[W/(mK)]	0,13
Gloss	ISO 2813	GE	< 6
Lightfastness index Xenon-Test	EN 438-2		≥ 4 (grey scale)

## Color and surface match

As there are color and texture deviations in the surface due to material-related irregularities of the sanded OSB core board, boards that are used next to each other should, if possible, be selected from the same production batch and color-matched before further processing or installation.

## Tongue & Groove profile dimensions

When cutting the DecoWall panels to size, any necessary allowances or deductions for the tongue & groove profile must be taken into account. The dimensions of the profile are shown in the illustration:



## Storage / Processing

For information on storage and processing, please refer to the EGGER DecoWall installation instructions.

## Care and cleaning recommendations

EGGER DecoWall does not require any special care with regard to its use as wall or ceiling cladding. The structured surfaces are generally easy to dust off or clean with water using a damp cloth.

It should be noted that no sanitary cleaners or cleaning agents with abrasive components are used for cleaning, as such cleaners lead to changes in gloss level and scratches.

### Preliminary note:

This technical data sheet has been prepared to the best of our knowledge and with particular care. The information is based on practical experience and our own tests and corresponds to our current state of knowledge. They serve as information and do not contain any assurance of product properties or suitability for certain applications. No liability can be accepted for misprints, standard errors and mistakes. In addition, technical changes may result from the continuous further development of EGGER DecoWall as well as from changes to standards and documents of public law. Therefore, the contents of this technical data sheet can neither serve as instructions for use nor as a legally binding basis. Our General Terms and Conditions of Sale and Delivery apply.